

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L29/786 H01L21/336

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ROCA I CABARROCAS P ET AL: "STABLE MICROCRYSTALLINE SILICON THIN-FILM TRANSISTORS PRODUCED BY THE LAYER-BY-LAYER TECHNIQUE" JOURNAL OF APPLIED PHYSICS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 86, no. 12, 15 December 1999 (1999-12-15), pages 7079-7082, XP000928312 ISSN: 0021-8979 cited in the application page 7079	1-27
Y	EP 0 609 867 A (SEMICONDUCTOR ENERGY LAB) 10 August 1994 (1994-08-10) column 5, line 44 - line 47; claims 1,3 column 6, line 55 -column 7, line 11 --- -/--	1-27

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

22 June 2004

Date of mailing of the international search report

01/07/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	YOUNG-BAE PARK ET AL: "EFFECT OF HYDROGEN PLASMA PRECLEANING ON THE REMOVAL OF INTERFACIALAMORPHOUS LAYER IN THE CHEMICAL VAPOR DEPOSITION OF MICROCRYSTALLINE SILICON FILMS ON SILICON OXIDE SURFACE" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 68, no. 16, 15 April 1996 (1996-04-15), pages 2219-2221, XP000585161 ISSN: 0003-6951 page 2219	1,11
A	US 6 017 779 A (MIYASAKA MITSUTOSHI) 25 January 2000 (2000-01-25) column 22, line 9 - line 47	13
A	US 5 686 349 A (NAKATA YUKIHIKO) 11 November 1997 (1997-11-11) column 3, line 66 -column 4, line 3	1,11
A	US 6 078 059 A (NAKATA YUKIHIKO) 20 June 2000 (2000-06-20) column 1, line 37 - line 39	1,27

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/001107

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